

CONTENTS OF VOLUME 128

Vol. 128C, No. 1

	v	Publisher's note
In Appreciation	1	
General Papers		
G.B. Acosta	11	A possible interaction between CCKergic and GABAergic systems in the rat brain
YH. Cheng, TF. Shen, V.F. Pang and BJ. Chen	19	Effects of aflatoxin and carotenoids on growth performance and immune response in mule ducklings
H. Yoshii, N. Tachi, R. Ohba, O. Sakamura, H. Takeyama and T. Itani	27	Antihypertensive effect of ACE inhibitory oligopeptides from chicken egg yolks
O.L. Anguiano, A.C. de Castro and A.M. Pechen de D'Angelo	35	The role of glutathion conjugation in the regulation of early toad embryos' tolerance to pesticides
H. de Smet, R. Blust and L. Moens	45	Cadmium-binding to transferrin in the plasma of the common carp Cyprinus carpio
T.L. Aceret, P.W. Sammarco, J.C. Coll and Y. Uchio	55	Discrimination between several diterpenoid compounds in feeding by Gambusia affins
F.F.Y. Radwan and J.W. Burnett	65	Toxinological studies of the venom from Cassiopea xamachana nematocysts isolated by flow cytometry
D.A. Bloom, F.F.Y. Radwan and J.W. Burnett	75	Toxinological and immunological studies of capillary electrophoresis fractionated Chrysaora quinquecirrha (Desor) fishing tentacle and Chironex fleckeri Southcott nematocyst venoms
J.B. French Jr., I.C.T. Nisbet and H. Schwabl	91	Maternal steroids and contaminants in common tern eggs: a mechanism of endocrine disruption?
M. Nyman, H. Raunio, P. Taavitsainen and O. Pelkonen	99	Characterization of xenobiotic-metabolizing cytochrome P450 (CYP) forms in ringed and grey seals from the Baltic Sea and reference sites
M.J. Ramírez-Expósito, J.M. Martínez-Martos, M.D. Mayas, M.J. García, I. Prieto, G. Aréchaga and M. Ramírez	113	Oleate, linoleate and cholesterol differently modify aspartyl- and glutamyl-aminopeptidase activities in primary cultures of rat astrocytes
L.A.D. Williams, R.C. Howell, R. Young and I.A. Kahwa	119	Neuropharmacological actions of some binuclear lanthanide (III) complexes
K.M. Jensen, J.J. Korte, M.D. Kahl, M.S. Pasha and G.T. Ankley	127	Aspects of basic reproductive biology and endocrinology in the fathead minnow (Pimephales promelas)
	I	Instructions to Authors
		Vol. 128C, No. 2
General Papers		
L.A.E. Kaplan, E. Fielding and J.F. Crivello	143	The genetic regulation of liver microsomal CYP2E1 activity among strains of the viviparous fish <i>Poeciliopsis</i>
K. Osada, M. Takahashi, S. Hoshina, M. Nakamura, S. Nakamura and M. Sugano	153	Tea catechins inhibit cholesterol oxidation accompanying oxidation of low density lipoprotein in vitro
A. Wickund Glynn	165	The influence of zinc on apical uptake of cadmium in the gills and cadmium influx to the circulatory system in zebrafish (Danio rerio)
S. Jaensch, L. Cullen and S.R. Raidal	173	Normobaric hyperoxic stress in budgerigars: enzymic antioxidants and lipid peroxidation
S. Jaensch, L. Cullen, L. Morton and S.R. Raidal	181	Normobaric hyperoxic stress in budgerigars: non-enzymic antioxidants

P.A. Olsvik, P. Gundersen, R.A. Andersen and K.E. Zachariassen	189	Metal accumulation and metallothionein in brown trout, <i>Salmo trutta</i> , from two Norwegian rivers differently contaminated with Cd, Cu and Zn
P. Nieminen, R. Käkelä, AM. Mustonen, H. Hyvärinen and J. Asikainen	203	Exogenous melatonin affects lipids and enzyme activities in mink (Mustela vison) liver
F. Gagné, C. Blaise, M. Salazar, S. Salazar and P.D. Hansen	213	Evaluation of estrogenic effects of municipal effluents to the freshwater mussel <i>Elliptio</i> complanata
M.J. Melgar Riol, M.C. Nóvoa Valiñas, M.A. Garciá Fernández and M. Pérez López	227	Glutathion S-transferases from rainbow trout liver and freshly isolated hepatocytes: purification and characterization
J.F. Tolar, A.R. Mehollin, R.D. Watson and R.A. Angus	237	Mosquitofish (Gambusia affinis) vitellogenin: identification, purification, and immunoassay
M. Fouchereau-Peron	247	Interaction of cysteine proteases with calciotropic hormone receptors
E.A. Koutsos and K.C. Klasing	255	The acute phase response in Japanese quail (Coturnix coturnix japonica)
G. Froldi, E. Ragazzi and L. Caparrotta	265	Do ATP and UTP involve cGMP in positive inotropism on rat atria?
E.I. Solntseva, J.V. Bukanova and V.G. Skrebitsky	275	The nootropic drug vinpocetine modulates different types of potassium currents in molluscan neurons
E. Arinç, S. Kocabiyik and E. Su	281	Induced CYP1A mRNA, protein and catalytic activity in the liver of feral fish, leaping mullet, Liza saliens
	I	Instructions to Authors
		Vol. 128C, No. 3
General Papers		
L. Betti, G. Giannaccini, M. Gori, M. Bistocchi and A. Lucacchini	291	[3H]Ro 15-1788 binding sites to brain membrane of the saltwater Mugil cephalus
M.H.G. Berntssen, O.Ø. Aspholm, K. Hylland, S.E. Wendelaar Bonga and AK. Lundebye	299	Tissue metallothionein, apoptosis and cell proliferation responses in Atlantic salmon (Salmo salar L.) parr fed elevated dietary cadmium
M.H.G. Berntssen and AK. Lundebye	311	Energetics in Atlantic salmon (Salmo salar L.) parr fed evelated dietary cadmium
J.M.F. Babarro and A. de Zwaan	325	Factors involved in the (near) anoxic survival time of Cerastoderma edule: associated bacteria vs. endogenous fuel
Y. Aoyama, C. Kato and S. Sakakibara	339	Expression of metallothionein in the liver and kidney of rats is influenced by excess dietary histidine
K.L. Willett, L.A. Lienesch and R.T. di Giulio	349	No detectable DNA excision repair in UV-exposed hepatocytes from two catfish species
H.X. Wang and T.B. Ng	359	Studies on the anti-mitogenic, anti-phage and hypotensive effects of several ribosome inactivating proteins
I. Stupans, B. Jones and R.A. McKinnon	367	Xenobiotic metabolism in Australian marsupials
A. Berlind	377	Monoamine pharmacology of the lobster cardiac ganglion
D. Storch, D. Abele and HO. Pörtner	391	The effect of hydrogen peroxide on isolated body wall of the lugworm <i>Arenicola marina</i> (L.) at different extracellular pH levels
H. Kobayashi, M. Ohtomi, Y. Sekizawa and N. Ohta	401	Toxicity of coelomic fluid of the earthworm <i>Eisenia foetida</i> to vertebrates but not invertebrates: probable role of sphingomyelin
G.E. Knight and G. Burnstock	413	Identification of P1 and P2 purinoceptors in the aorta of the lizard (Agama sp.)
N. Jorge da Silva Jr. and S.D. Aird	425	Prey specificity, comparative lethality and compositional differences of coral snake venoms
E. Hermesz, M. Ábrahám and J. Nemcsók	457	Tissue-specific expression of two metallothionein genes in common carp during cadmium exposure and temperature shock
Z. Varanka, I. Rojik, I. Varanka, J. Nemcsók and M. Ábrahám	467	Biochemical and morphological changes in carp (Cyprinus carpio L.) liver following exposure to copper sulfate and tannic acid
	I	Instructions to Authors

Vol. 128C, No. 4

General Papers

479 S. Barka, J.-F. Pavillon and J.-C. Amiard Influence of different essential and non-essential metals on MTLP levels in the Copepod Effects of endothelin-1 and nitric oxide on proliferation of cultured guinea pig bronchial Y. Kizawa, N. Ohuchi, K. Saito, T. Kusama and 495 H. Murakami smooth muscle cells M. Orellana B., V. Guajardo, J. Araya, L. Thieleman 503 Oxidative stress, microsomal and preoxisomal fatty acid oxidation in the liver of rats and R. Rodrigo treated with acetone K.P. Grigorian, K.V. Azatyan, S.H. Kazaryan and 511 Ouabain-sensitive and insensitive acetylcholine receptors on the membrane of the same S.N. Ayrapetyan neuronin Helix pomatia N. Schiess, G. Csaba and L. Kőhidai 521 Chemotactic selection with insulin, di-iodotyrosine and histamine alters the phagocytotic responsiveness of Tetrahymena I.A. Gorshkova, B.A. Gorshkov, S.A. Fedoreev and 531 Halenaquinol, a natural cardioactive pentacyclic hydroquinone, interacts with sulfhydryls on rat brain Na+,K+-ATPase V.A. Stonik M. Maugras, M.R. Infante, Ch. Gerardin, C. Selve 541 Possible effects of counterions on biological activities of anionic surfactants and M.P. Vinardell Ш Contents of Volume 128 VI Subject index VIII Author index IX Instructions to Authors

